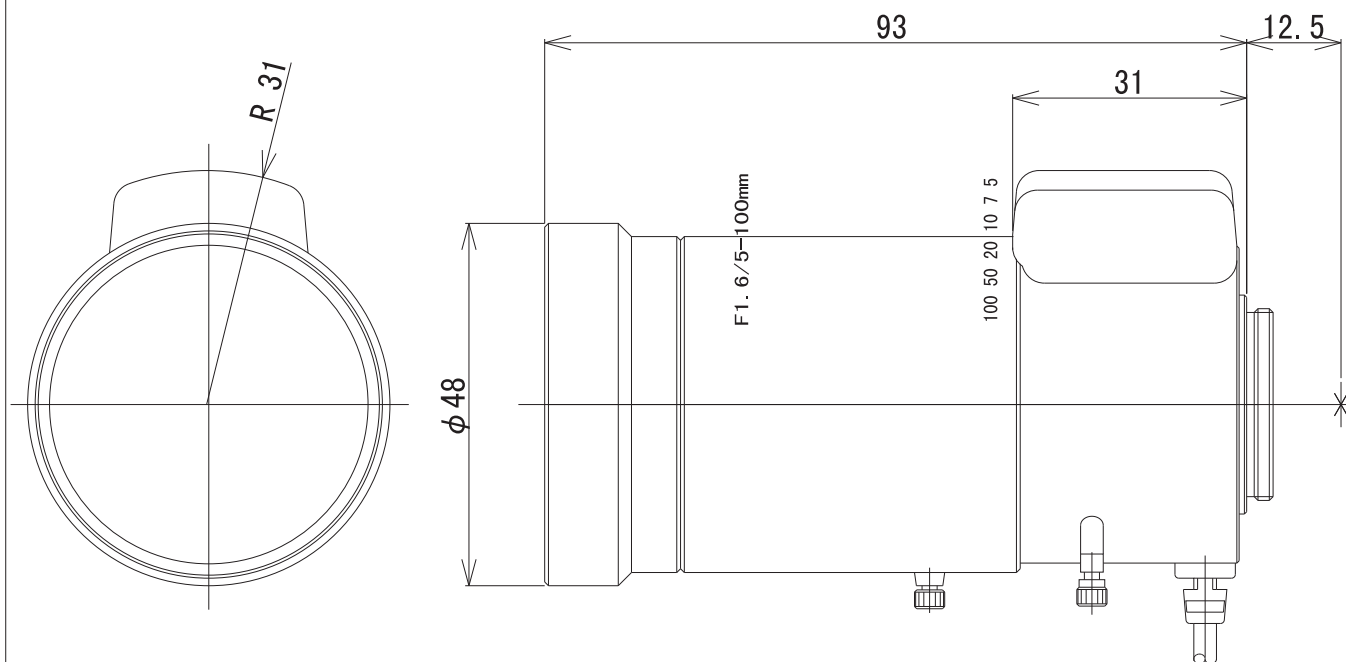




## SPECIFICATION

|                                  |                            |             |        |              |
|----------------------------------|----------------------------|-------------|--------|--------------|
| 1. USE                           | FOR 1/3" B/W, COLOR CAMERA |             |        |              |
| 2. FOCAL LENGTH                  | 5~100mm                    |             |        |              |
| 3. ZOOM RATIO                    | 20x                        |             |        |              |
| 4. MAX. DIA. RATIO               | F1.6                       |             |        |              |
| 5. IRIS RANGE                    | F1.6-F360                  |             |        |              |
| 6. IMAGE SIZE                    | $\phi 6$ 3.6x4.8mm         |             |        |              |
| 7. BACK FOCAL LENGTH             | W                          | 11.3        | T      | 10.65 in air |
| 8. FLANGE FOCAL LENGTH           | 12.5 mm                    |             |        | in air       |
| 9. FOCUS RANGE                   | W                          | 0.3m        | T      | 1.0 m        |
| 10. FIELD ANGLE                  | DIA.                       | W           | 64.6°  | T 3.5°       |
|                                  | HOR.                       |             | 52.7°  | 2.8°         |
|                                  | VER.                       |             | 40.0°  | 2.1°         |
| 11. FIELD OF VIEW<br>AT M. O. D. | DIA.                       | W           | 412 mm | T 84 mm      |
|                                  | HOR.                       |             | 322 mm | 67 mm        |
|                                  | VER.                       |             | 236 mm | 50 mm        |
| 12. LENS CONSTRUCTION            | 10GROUPS 12ELEMENTS        |             |        |              |
| 13. CLEAR APERTURE               | FRONT                      | $\phi 42.0$ |        |              |
|                                  | REAR                       | $\phi 9.6$  |        |              |
| 14. EXIT PUPIL POSITION          | W                          | -84 mm      | T      | -92 mm       |
| 15. MOUNT                        | CS-MOUNT                   |             |        |              |
| 16. FILTER SCREW SIZE            | M46x0.75                   |             |        |              |
| 17. DISTORTION                   | W                          | -2.3%       | T      | 0.3%         |
| 18. WEIGHT                       | 190 g                      |             |        |              |

## DC (DIRECT CONTROL)

|             |          |                  |         |
|-------------|----------|------------------|---------|
| DRIVE COIL  | RESISTOR | 190 $\Omega$     | (20° C) |
|             | COLOR    | RED (+)          | BLACK   |
| BRAKE COIL  | RESISTOR | 1150 $\Omega$    | (20° C) |
|             | COLOR    | YELLOW (+)       | GREEN   |
| DRIVE VOLT. | OPEN     | LESS THAN +4V    |         |
|             | CLOSE    | OVER THAN 0V     |         |
|             |          | W/CLOSING SPRING |         |

LMVZ510A

1/3" 1.6/5~100mm